



# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, November 8



**Day 1 (Tuesday):** Significant impacts are expected over the Sierra and higher northern California mountains due to very heavy snowfall. Heavy snow is also likely to develop across the southern mountains late tonight. Meanwhile, locally heavy rain and some thunderstorms will bring a risk for burn scar impacts and mud/rock slides across southern California through tonight. Strong winds gusting 40 to locally 60+ mph are also forecast over the Sierra and for many southern California mountain and foothill locations.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Tuesday, November 8

	Tue, Nov 8	Wed, Nov 9	Thu, Nov 10	Fri, Nov 11	Sat, Nov 12	Sun, Nov 13	Mon, Nov 14
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms							
<b>Thunderstorms</b> Wind / Hail / Tornadoes	All Regions	Inland/ Southern					
<b>Heat</b>							
<b>Cold</b>			All Regions	All Regions	Southern		
<b>River Flooding</b>							
<b>Wind</b>	Inland/ Southern						
<b>Heavy Rain</b> Flash Flooding / Debris Flow	Inland/ Southern	Southern					
<b>Snow</b>	Inland/ Southern	Inland/Southern (mountains)					

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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# Weather Key Points

Regional Operations Center

Western Region

Tuesday, November 8

**A prolonged atmospheric river event will continue to impact much of the state through Wednesday, bringing continued low elevation rain, heavy mountain snow, and periods of strong winds**

## **Heavy Rain and Flooding Potential:**

- Precipitation will increase in coverage for much of the state Today and tonight before gradually tapering off Wednesday. ***The most widespread and heaviest precipitation will occur this morning through late Tuesday evening.***
- Total additional liquid precipitation amounts of 2 to 5 inches are forecast in the mountains, with localized amounts of 8+ inches possible over portions of the southern California mountains
- Rainfall rates are expected to increase through the morning with rainfall rates of 0.5 to 1 inch per hour at times through 5 PM. Rainfall rates could briefly reach 1 to 1.5 inch per hour near any embedded thunderstorms (storms may also produce accumulating small hail in a few locations). These rain rates may be sufficient to produce rockslides and mudslides in steep terrain, especially in the vicinity of recent burn scars.
- **A Flood Watch is in effect for portions of central and southern California through early Wednesday. Burn scar areas of concern include and are not limited to:**

Fish	Apple / El Dorado	Dam	River
Route	Bobcat	Lake	Colorado
Bond / Silverado	Ranch 2		



# Weather Key Points

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## Heavy Snow, Gusty Winds, and Cold Temperatures:

- Significant additional mountain snow accumulation of 1 to 3 feet, locally up to 4 feet, is expected over the Sierra and northern California mountains, mainly above 4,500 feet.
  - Snow amounts of 6 to locally 20 inches are forecast above 6,000 feet in southern California.
  - Falling snow levels may bring lighter accumulation of 2-6 inches down to as low as 5,000 feet over southern California, especially Tuesday night and Wednesday.
  - Road closures possible due to heavy snowfall, especially for the Sierra passes, creating long travel delays, chain controls and risk of highway closure
- Strong winds gusting 40 to locally 60 mph will accompany this storm, especially Today and tonight, and particularly over the Sierra and for many southern California mountain and foothill locations
  - These winds will bring areas of blowing snow and greatly reduced visibility over the Sierra and higher southern California elevations. Very difficult travel conditions are expected.
  - Local gusts nearing 75 mph are also possible across the LA County mountains and Antelope Valley
- Very cold temperatures will follow the storm Thursday and Friday, with readings near freezing across the Central Valley and temperatures in the single digits over the Sierra



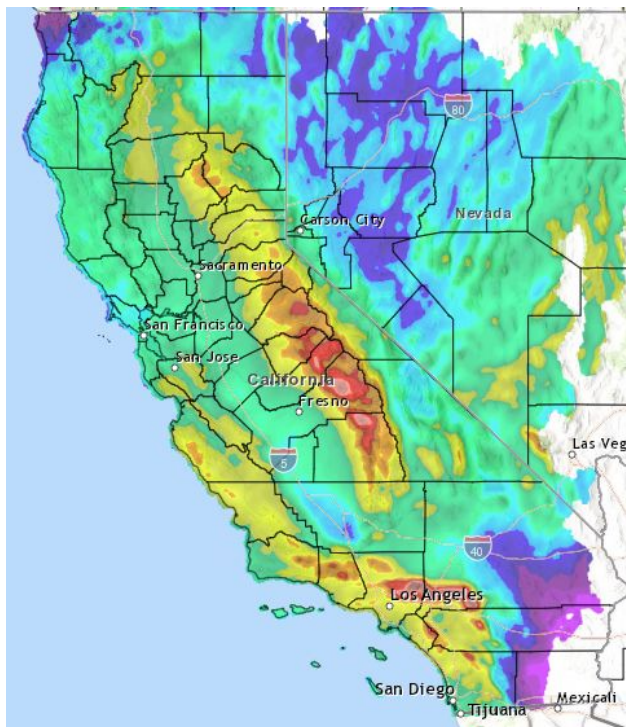


# Daily Precipitation Forecast

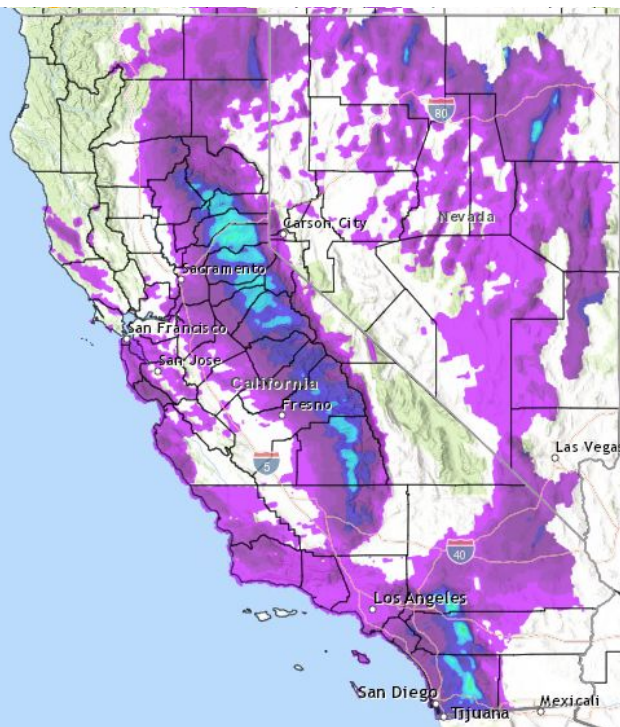
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Western Region

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Tuesday



Wednesday



Thursday

**Important Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



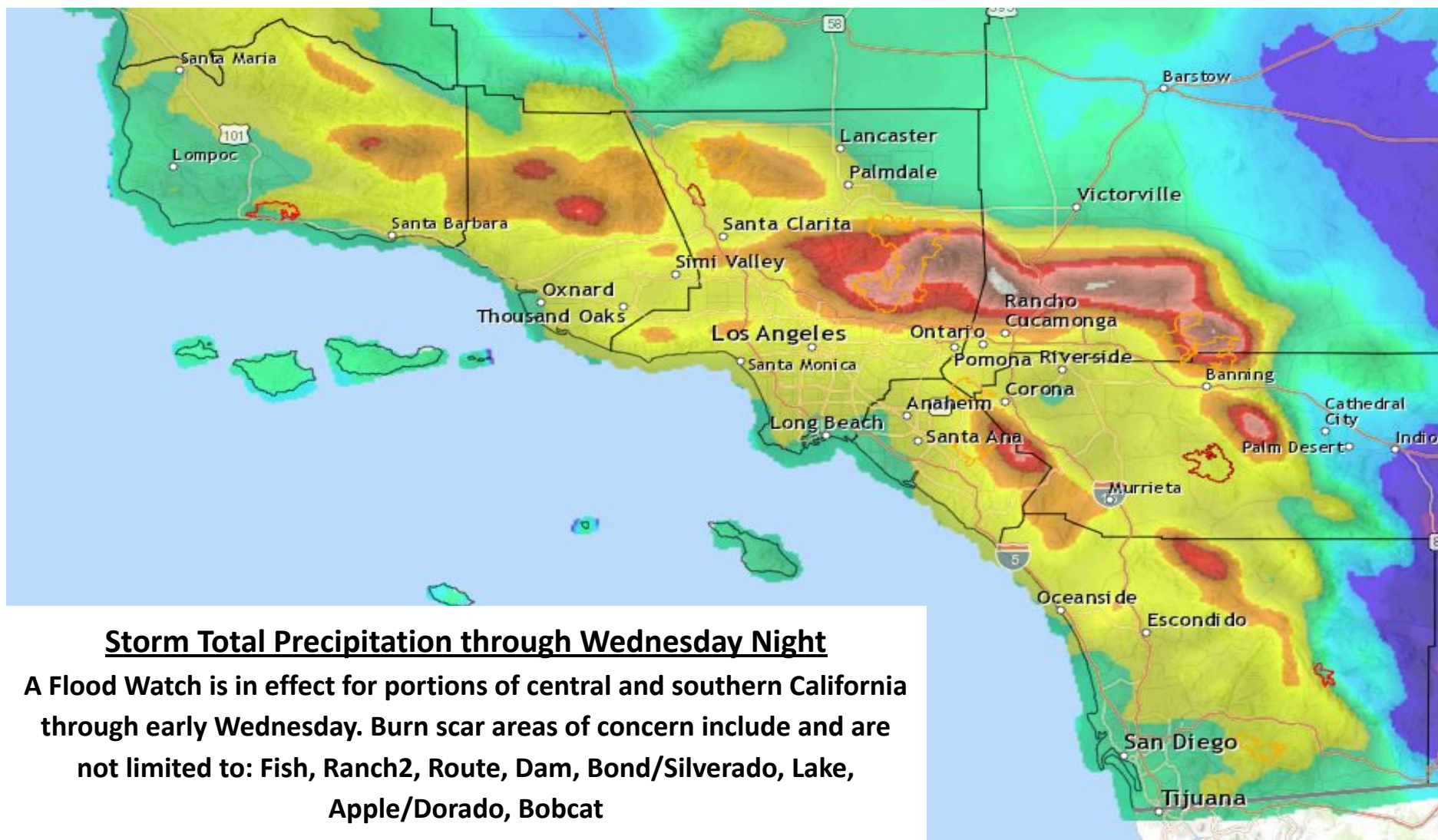


# Storm Total Precipitation Forecast

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## Storm Total Precipitation through Wednesday Night

A Flood Watch is in effect for portions of central and southern California through early Wednesday. Burn scar areas of concern include and are not limited to: Fish, Ranch2, Route, Dam, Bond/Silverado, Lake, Apple/Dorado, Bobcat

Precipitation (inches)







# Storm Total Precipitation Forecast

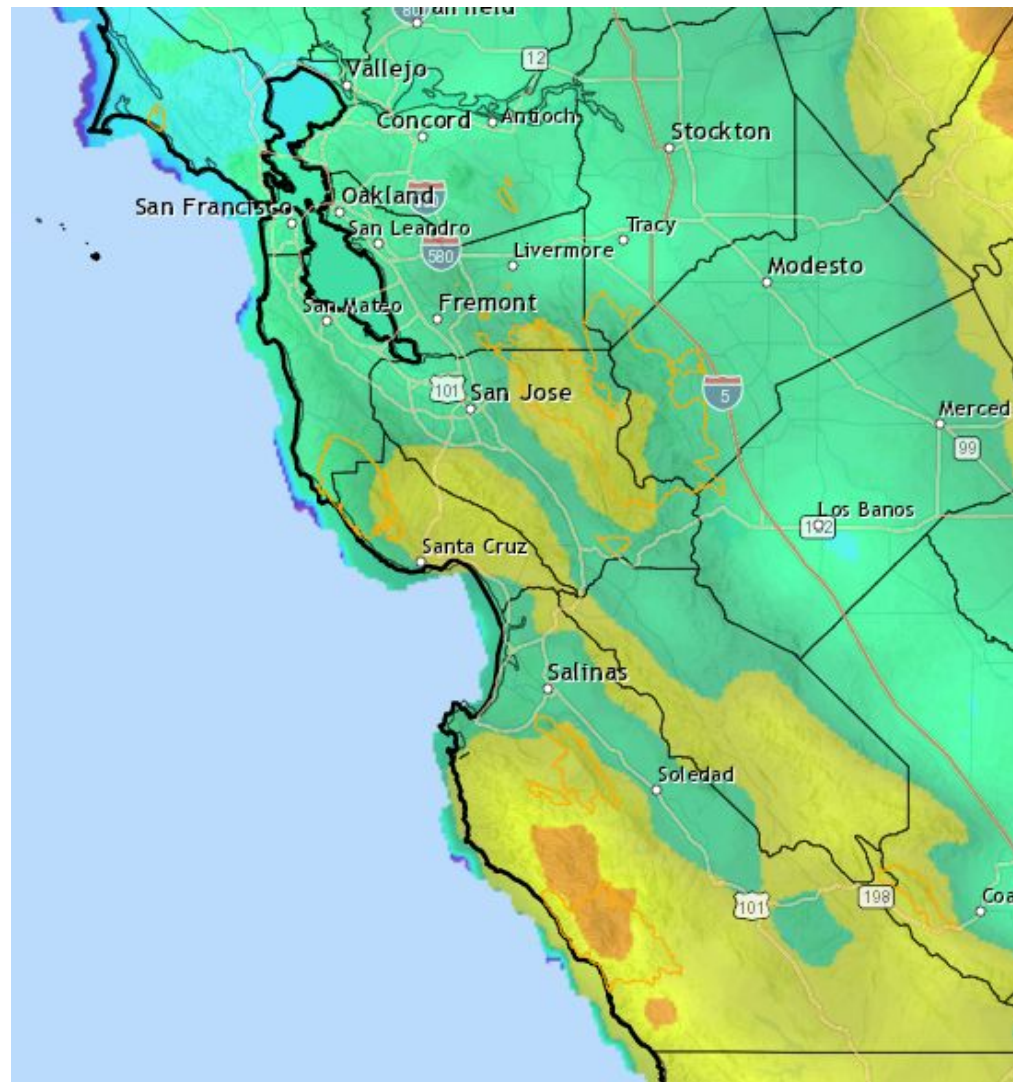
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## Storm Total Precipitation through Wednesday Night

A Flood Watch is in effect for portions of central and southern California through early Wednesday. Burn scar areas of concern include and are not limited to: Colorado and River



Precipitation (inches)





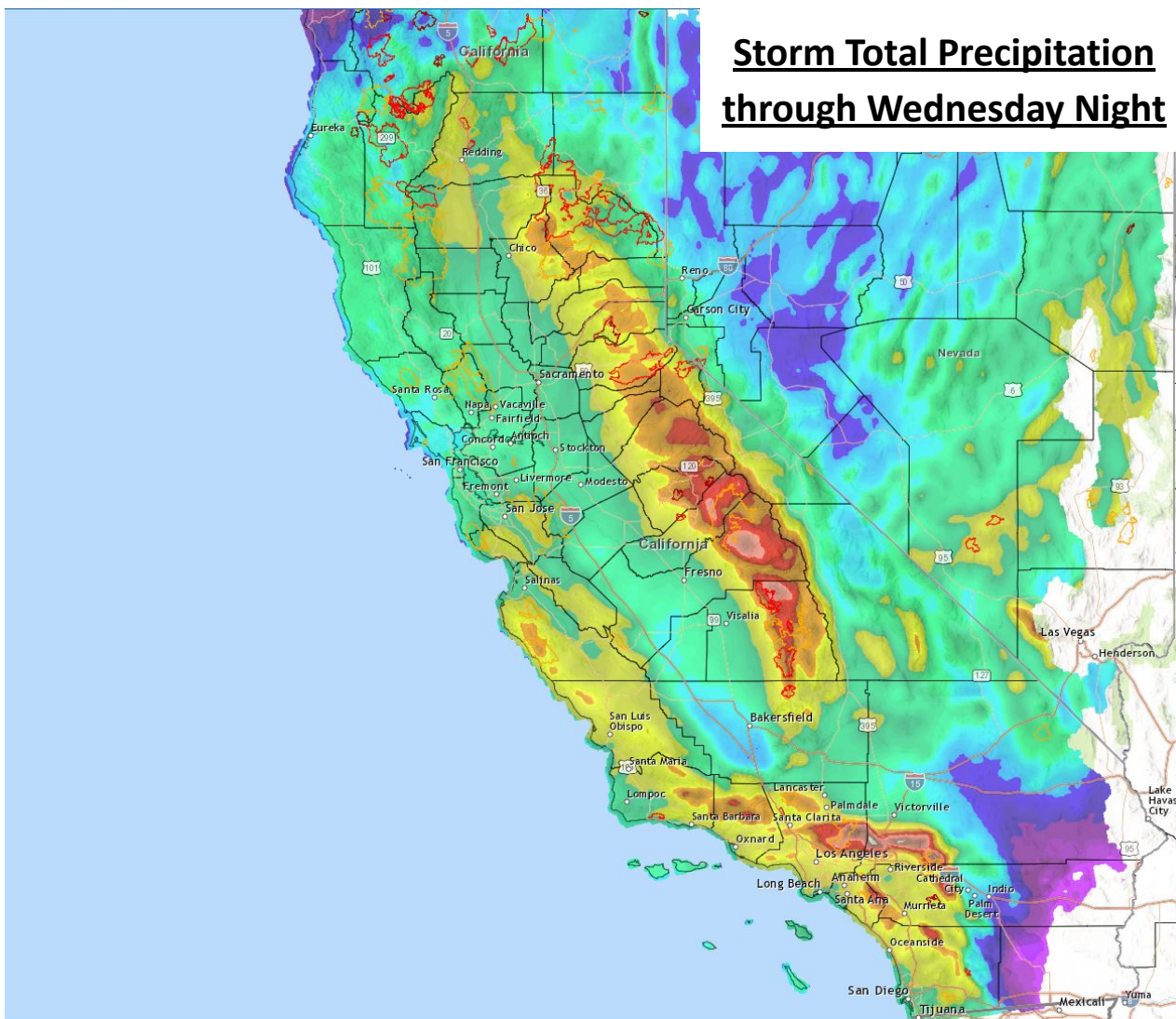
# Storm Total Precipitation Forecast

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## Storm Total Precipitation through Wednesday Night



Precipitation (inches)







# Storm Total Snowfall Forecast

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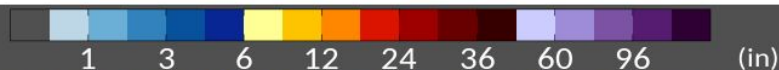
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5pm Wed, Nov 09 Forecast

Accumulated Snowfall



San Francisco

Los Angeles



# Weather Outlook (6-14 Days)

Regional Operations Center

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## **6-10 Day Outlook (November 13 - 17)**

### **Temperatures**

- Below normal temperatures favored across the state once again

### **Precipitation**

- Below normal precipitation is favored across all of northern California, with near normal precipitation favored for the south

## **8-14 Day Outlook (November 15 - 21)**

### **Temperatures**

- Below normal temperatures are slightly favored statewide

### **Precipitation**

- Above normal precipitation is favored across much of northern California, with near normal precipitation amounts favored elsewhere



# Risk Assessment Matrix

Regional Operations Center

Western Region

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## Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

